SEQUENCE LISTING

(1) GENERAL INFORMATION:

   (i) APPLICANT:
      (A) NAME: Wake Forest University
      (B) STREET: Medical Center Boulevard
      (C) CITY: Winston-Salem
      (D) STATE: North Carolina
      (E) COUNTRY: USA
      (F) POSTAL CODE (ZIP): 27157-1023

   (ii) TITLE OF INVENTION: INACTIVATION OF HIV CO-RECEPTORS AS THERAPY
      FOR HIV INFECTION

   (iii) NUMBER OF SEQUENCES: 6

   (iv) COMPUTER READABLE FORM:
      (A) MEDIUM TYPE: Floppy disk
      (B) COMPUTER: IBM PC compatible
      (C) OPERATING SYSTEM: PC-DOS/MS-DOS
      (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

   (vi) PRIOR APPLICATION DATA:
      (A) APPLICATION NUMBER: US 60/032,277
      (B) FILING DATE: 02-DEC-1996

(2) INFORMATION FOR SEQ ID NO: 1:

   (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9 amino acids
      (B) TYPE: amino acid
      (C) STRANDEDNESS:
      (D) TOPOLOGY: linear

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

   Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
   1   5

(2) INFORMATION FOR SEQ ID NO: 2:

   (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 29 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

TTAAGCTTCG CGCCATGAAC GCCAAGGTC

(2) INFORMATION FOR SEQ ID NO: 3:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 37 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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(2) INFORMATION FOR SEQ ID NO: 4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 60 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear   -

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

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(2) INFORMATION FOR SEQ ID NO: 5:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 51 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

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(2) INFORMATION FOR SEQ ID NO: 6:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 6 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS:
        (D) TOPOLOGY: linear

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

    Ser Glu Lys Asp Glu Leu
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SEQUENCE LISTING

<110> CHEN, Si-Yi
     YANG, An-Gang
     BAI, Xuefan
     CHEN, Ji-Dai
     Wake Forest University

<120> INACTIVATION OF HIV CO-RECEPTORS AS THERAPY FOR HIV
      INFECTION

<130> 0443-2U2

<140> Not Yet Assigned
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